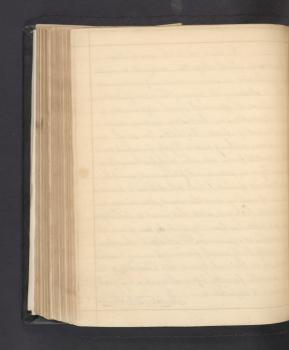
Paped March 23 1826 Anaugural Difsertation Scute- Hepatitis. Danc D. Coffman Dennsylvania.

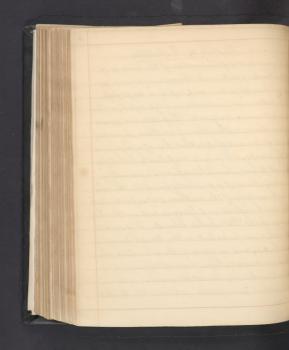
enter Tepatille.

2

In obedience to the law of this University, which oblige the pandidate to write a difertation on some medical subject, prepara = tong to obtaining the deque of Doctor of Medicine, I beg leave to offer with much diffidence, a fin observations on the history, nature, and treatment of Acute-Hepatitis. On such an occasion, nothing new or highly finished, can be expected from one, who professes himself a mere byro in science. A plain and simple . Materneut of what I have collected in a limited course of reading, and the usual attendance on medical lectures, is all that armst be looked for, as yet little has been acquired by me from ob-Servation or experience. Distrustful, therefore, of myself, I rely much for success in my present attempt, on the indulgence and liberality of the honourable faculty, before whom it is my goods fortune to appear? Isaac. L. Comman.

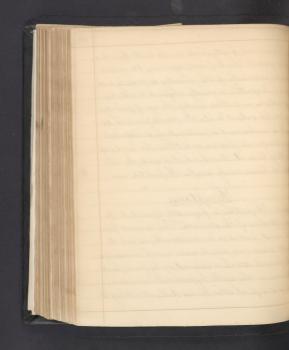


History of Hepatitis. Cepatities, or inflammation of the livery is oftwo kinds, acute and chronic. The former is violent in its nature and rapid in its progress. The latter more moderate, and less rapid, as their several names designate. Hepatetis is a disease of southern, rathers than of northern climates; and of low and flat, rather than of a high and hilly country. It may be confidently looked for in all places, where bilious fever is a prevailing malady; hence it is frequently found in the miss matic sections of the southern states; particularly the two Carolina's and Georgia, and in the whole Range of the West-India islands. It is said to be still more prevalent in the toritish provinces un India, and in some of the islands of the Indian ocean, where, it would appear it is a real endernic, almost as much so, as the in termittent is, in certain sections of the United Hules.



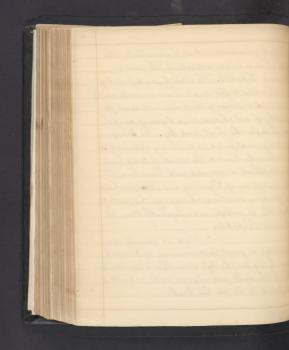
His an wel justly, and much to be dicaded, throughout the tropical regions of the whole world, especially if the country be marshy and low-Cepatitis is chiefly colifined to abbula. Whildren, and three under the age of puberty, aing life subject to it. It attacks females as well as males, and is particularly incidental to intemperate persons, and three who lead sed entary lives. It drunkard, it is said, in the variet some rarely excapes Hepatitis.

Sumptome. Scepatitis is juguently pucceded by an expection of the stomach. This however for the most part is so incorniderable, as not to covered alarm, nor own to speite much unearing. It formal attack is whered in by pain, and tonion, in the right hypochondium, some-



the right shoulder, and at times also, to the left. This is more particularly the case in chronic hepatities. The clavicle, and point of the shoulder suffer most. Then succeed chilly beer, and increase of the pain, and most frequently, if not always, some degree of cough, which is, for the most part, dry. The borocle are querally constipated, at times very obtinately so. Occasionally, however, the reverse is true; and the complaint is attended with Dianhoea, and wen symptoms of Dysentery and Harmorrhoid al affections, sometimes accompany this malady. But this is perhaps more suguently true of Chronic- Hepatitis. There is usually an

There is usually an inability, or great inconvenience offlienced from lying on the left side. This is conclined true of the right side also, and the patient is compelled to lie on his back.



In these cases, a weight, or drawing, is fell under an attempt to the out the celt side . -Presure on the right ho recharding region efected pain, and by a careful examination, an sulargement in that part becomes her ceptible. The complaint is sometimes marked by a superabundant, at other times by a dimin Whed secretion of bile. he tongue is covered by a neliowish fur, as it commonly is when the abdominal viscera are disordered, and the wine is scarty and high coloured . - he pulse is full hard and frequent, from ninety to one hundred in a minute, and sometimes intermitting. Then the disease has continued for some days, the skin and eyes become tin - yell or a die's yellow particularly when the ingrammation is produced by calculi in the parenchyma of the liver.



If the patient ritup, but more repecially, it healtmant to dand ever, he feels a distribution might, or dragging, deconwards, in the design of the liver

Verminations.

Scute Cepatitis may terminate in resolution, supposation, gangrene, seinhus, hemonhayy, or Africion. Gangrene of the liver however is a ran occumence, I have selden read; or hourd 4 it; cortainly of never have witnessed such a case . - efter supporation, the matter formed most usually finds its way, to the surface of the body, and is discharged . At other times however, the liver contracts adhesion to the Siaphragen, and the matter is discharged by ulceration, into the cavity of the thorap, or into Un substance of the lungs, and is discharged from the bronchia by coughing. It may also be discharged into the Sunderum, by



the biliary ducts. In some case instances the matter is discharged into the cavity of the literare, in this case the disease terminates totally, in consequence of the peritoneal in famination their specified.

Culled.

shale Hospalitis may result from any thing producing strong initation on the liner, either ducally or through the medium of sympather. In the latter mode, the since appears to be most frequently broduced. If the cause from ducing state because from the hipatically in months on the hipatically in which will be a tight lacing of which stays or constitute and wounds of the liver from cutting or mercing instruments, or by balls from him and.

The causes that muy



write inflammation of the liner by you pathy, after to be more numerous. They make their wist impression on the stomach, and senden examples on the yeather from a high, to a low temperature. Heaving met olother and sleeping detection of this complaint. So alwhat the taking of celd, by whatever means it may have been effected.

diality on the demach, march minemate, they direct, and high seasoned food except tooly and habitually indulged in, neupy the third place. - Any thing taken jute the townech, which this organ cannot digit may, by sympathy, produce he patitus. Muder-this head come mineral possens of every description, which when swallowed, if they



to not kill, very frequently induce inflamma tion of the liver. Oxide of ursenic, and sulphate of copper, might here be particularly named. Shinn where weed in inordinate quantities, vines origin to the same disease. Hence, professed Jum saters use said prequently to labour-underinputio affections. The bite of vanornous surp ents, if it do not destroy life in a short time, oftentimes excites, as we are told, inflammation The liver. The are better-prepared to admit the truth of this, from knowing, that a romet ing of bile, which gives evidence if an undue juitation of the liver, is one of the symptome of the wente disease, wirsing from the bite of the lattle - snake, and other roisonous infunts .-A yeliowness of the skin, is also a concomita ut of this affection . -I know, the opin-

ring that Hepatitis wises in any case grown



umpathy with stomach, is held by many to be visionary and unfounded - but I notwith standing, believe it to be as well established, as my other- position in hathology. - Tone of the extens freducino sometimo unal is desconina sted bleopathic Befatilie can is their primary and immediate action, which the liver. wirdent spirits, marsh miasmata, and upunous word make their way into the stomach, but can not in their formal state, go any further -In this tate, therefore, they chunch enter the liver, nor-is it hotsible for them to not primarie -ly, where they do not formally exist; and us they do ut exist in the line; they cannot exist their immediate influence on that orvan. get they produce topatitis. They must do it therefore, by acting on the only organ to which they rain admittance I the stowner, - the liver suffering indirectly, thrown



the medium of sympathy. Thy may not In liver sympathize with the stornach, as well as with the skin & With the skin it does unhathine, as all must acknowledge. No one with pretend to dery that old produces bepa wile, but cold acts primarily only on the thin .-It action cannot reach the liver, or any otherwho seated organ, except through the anedium Sumpathy. But from its proximity to, and we intimate connection with the stomach, the liver must be much more inclined to sump whire with that organ, than with the ohin; wice, there can be no difficulty in establish ung Copulition as a sympathetic disease, Induced by an original impression on the tomach. Another cause of Hepatetes, may be found in the passions and affections Ithe mind; such as grief melancholy, and despair, jealousy and revenge are said



to be productive of this, as well as of many other diseased .- These parion uppear, also, to injure the liver- by means of sympathy with the stomach; for they much scriously befect the former organ, until they have impaired the sunctions of the latter. The untimely dis appear ance of cuticular emptions, is said to be productive of Heputitis, a most remarkable instance of which is related by It. Armstrong where on the disappearance of Urticaria, the national was immediately attached by a viole not acute Hepatitis. - Whenever the emption apreased again all the symptoms of Lepa litis disappeared, but so soon as the eruption was again repelled, they all returned with great violence demonstrating most incon -testably that it depended on the repelled eruption.



Diagnosis

is the very communicalment of the disease, the juguesis of weute - hepatities from any contic wow part, is not so very material consequence, ince the speedy reductions, varentar retion, is expious venezcetion, is the main spring to be utid on, in either case. But in the choice or burgatives, some discrimination is necessary: in though the modern scholastic hhysiologist, or routine physician, may laugh at the idea of cholasources, hudrayogues, & Those who remonally Hamine the the effects of purgative medicines on the boe cal discharges, will entertain no doubt Athe hower which harticular medicines hop up of causing the exacuation of particular Huids, a pharently from their distrosition to set on certain dets of Lecuting or Geneling Epils. On this account, it is very desirable a exertain inflammation of the liver;



specially of its glandular structure, and dis linguish it from that of surrounding organs. Foute Hepatilis, may be conjounded with Pneumonia, Gastrites, and spasm of the beliary ducts. From Pneumonia, it may be discumin -aled, by the price in the side being, less acute, by that in the clavicle being more steady, by the difficulty of respiration being less, by the pain not being increased by a gradual inspe vation, as in pulmonic inflammation; by the cough being more day, and by the runchione s' the tomack being more desanged .-There is usually, also in inglammation of the rodorninal sistera, a muddings of the eve, and change of colour in the thin, which are not so apparent in inflammations of the

From inglummation of the stomach, this disease may, in most in



distinguished by the abunce of their quetice marily, which review quete for a language of their quete for the policy of the love of types attending attending of their love or typhoid type, attending attendi

(Leute Hepatitis, may Le discerned from spasme of the vall ducto, by thre being no mausea, by the pain being writer went, by the juice being one hundred and up wards in a minute; and by the patient airones sulenring to keep the body in a Maight, quies and tosture; whereas the orealest take, when here is s'iasm on the gall-ducts, is obtained bouding the body gorwards Sparm c. the pali ducto, brought on by calculi, will ter minute in, or nather occasion inglamma line, when the treatment must be the same. win original keralities -



Prognosis.

in corounable scand we, about the hird with offer court day, a billion Ciarchoca universal water purposes sedement in the since inflammation appearing on an often a part; howevery even the homosphoidul since there being followed by an atolement offer, and of other symptoms.

"ie untavourable

a, intensity of pain and river; the puntum or ind to a point, continual his cough soil tamilies, while other parts are oftendly hot; therete continual constitution; is over tigoners condide transient flushes, and helic fever; with the wal symptoms of modification.

Divietion.

a dissocion or those who die of Capalilis, a liver is after found much endanged and and to the touch, its colour is more of a deep



/F. -

purple than natural, and its membranes are more or less affected by inflammation. Defsections likewise thow that adhesions to The wightouring parts often take clace; that tubercles, as well no residular custs, domonina led hydulids,) in cornetimes found in it; and that large abserfeed, containing a rousiderable quantito or put, are often found in its substance. siting weente are now and then mut with. In a sew instances, the livers of those whelmore died of this disease have been found in a fewtied state, resembling a horny combi but the most common appearance to be ordered in those who his of diseased liver is the cormation of the -bireles in its substance. The wine has not unite. quality son found after death to be inducated, or otherwise injured, without and marked indication of disease during the with of the putients -



Treatment.

youte - it qualities caire por the autiphorpistic plan of luatment, bigerously pushed, and to a quat theut. In all very nigh deques or specitiment in the system at larce, or of inflammation of the wer itself, the biliary secution is suspended, or very much impoded; and win when the funt tion is restored, the fluid secreted is far from being healthy at the beginning. On this account, and to prevent chronic indusations, or the chance of present suppuration, it is always best It widewour, to winstate the biliary secretion as soon as possible. This is hartly artected by werein general and local bleeding, and by such medicines as at once act on the viliary organd, and on the whole line of the intestinoun General blood letting should be mompfund copious. ' veron sixteen, to wenty ounces of blood have been taken with advantage from the arm,



wice , or even thrice a day. If it were fair to how a conclusion from the facts which have and within my observation, sand Dr. fromstrong, I should say, that it is a justly general wier mong, the practitioners of this country, to Heed too frequently in the course of inglamma by affections, and yet without sufficient decis ion By drawing Hord repeatedly, at long inter vale, with regard rather to some precise quan july than to any immediate and particular Spect, the strength of the patient is too gregue putty of housted, while the inflammation still weelds unimpeded to its fatal termination. pt the efficacy of renesection does not depine in the quantity of blood drawn, but whom the Heet produced. How particularly applicable here wines he were to acute hepatiles, every one, ven the most inattentive observer of diseased chenomena must udmit.



As in other diseases, however, the quantity of blood hown must be agulated by the incumstances of the case. To relieve the local pain, and uma inels cups, and luches, should also be freely up blied to the region of the liver. The west remedy in point of vicious is purging . . Mornisal four as from their specific action on the liver are the proper out. With iters, ratine pury es man he occasionally alternated; a strong infusion of burna holding glauber or epsom salts in solution, will be found an excellent cathastic. In the mean time, let perfect quietude be enjoined, and ail the trinks be bland and deluting; barley water; toast water, flay - Leed lin, lumon ale, are suitable; and may be alternated with meh other; until the disease is perfectly sub wed. Let every thing heating be earifully worded. If the pain hould still continue, at though the fever is reduced, a large Histor to



the hypochondriae region will be found and infortant remedy. I am fully convinced that disters do good in proportion to their sine. With this fact I was first made acquainted how having experienced the most decided ben fit from a blister on my own person, which had not been properly secured, and had slip bed, so as to vesicate a space three times as large athe original blisher. If the cuse from ledious, it small but repeated doses of caloud be ud ministered, with a view to salivate gently. The heculiarity of the hepatic system, causes the willerumatory and other diseases of the biliary man to assume a character and require a hear ment, in some measure specific; for, however spidly the tone of the whole switern may be to Jucid by large and repeated bleedings, both gen wal and local, yet, till the healthy secretion bile be restored, there is no safety for the patient



you present danger, or juture suffering. " The wie's, indeed, experienced in most eases, me IP tohnson, from mercury the moment is which the mouth, is truly surprising. The remor at of all weeney servation from the side, the clearing up of the skin and countenance, The extention of the natural evacuations, and, in short, the removal of every complaint but debil ity, wince the powers of this remede, Minder such treatment ducy persisted in the disease aldone fails to be brought to a favourable ter - mination; particularly in the constitution of the rationt be sound. Tometimes however suppuration takes junce, in spite of every groot to restrain it, and should the abscit plint externally, let it be ofened and treated line similar affections realed on other harts of the yetern. The same treatment is requisite, if the about discharge itself by the intestines, or lungs.



& soon as suppuration is known to be commence ing, in should omit using calonel with a view plivate, for we can van succeed, the two as sions appear to be incompatible with each other and if by persevering we do at last succeed, the ancurial irritation will only increase the exist. ing one. It is here the Mitrie and numiation sids, display their very best effect, given in small loses gradually mounted up to one or two trichens taken in the twenty-four hours. Vis rarticularly serviceable, in those eases atten ad with great debility. This concludes the proper medical treatment of ac te- hepatities, but much may be iffected towards convalis unce by a proper regulated diet. It should wither be stimulating, nor highly mutitious,

valie the patient be somewhat advanced in

omalisemee.



Hought to cousist entirely of regetable substan as, or at furthest of milk. Errocies in the open in thould be moderater, and only taken in fair; and pleasant weather. Convolvence may be undered still more property wearing flaunel next the skin, which indeed should new we neglected.

And to emclude with the words of the illustrious Dr. Hamilton, It will always be proper to counsel the valitie dinarian to forwate the hamils and habits of fashionable life; to guit the crowdedpity, allusing amusements, and various occupations carried on in airles, or even tainted romes, to shan luquirous tables, indolence, and late hours; to retrace the steps by which he has from simple nature deviated and court the country, pure air and simple dick:

must now close this brief and imperfect efmy rendered too prolip by the little interesting Latter it contains, but previously to concluding, must express my warmest thanks, in return for the instruction, and knowledges have gained, fan an attendance on your highly interesting Vetures .- That you may individually lorly live and contribute, by your useful laboury, suphold the reputation of the first medical shool in the new world, is the sincere wish Hone, who is now constrained to claim a have of that indulgence, and liberality, by which you have heretofore been character. ized. Vinis.

